



A REVIEW OF SECURITY ISSUES IN AD-HOC NETWORK BASED DATA TRANSMISSION

¹Ritu Malik, ²Esha Bansal

¹Research Scholar, Department of CSA, CRSU Jind, ritumalik430@gmail.com

²Assistant Professor, Department of CSA, CRSU Jind, eshabansal2006@gmail.com

Abstract: -In this era of technology, use of Ad-hoc network is increasing day by day. There are several threats to AD-HOC based network. In this paper, the role of AD-HOC network in communication as well as the security threats from hacker during file transmission has been studied. The security of data in a file is a major concern. AD-HOC networks allow information to route from different path after old routes are destroyed. AD-HOC network leads to development of new kind of algorithms to route information.

Keywords: - Security, network, FTP, Ad-hoc network, Hacker.

[1] INTRODUCTION

AD-HOC network is considered as a network which is a composition of different type of devices that are communicating with one other directly. Several AD-HOC networks are considered as local area networks in which computers and different other devices have been enabled to transfer data in direct way to one another instead of transferring through a centralized access point. Usually AD-HOC network does not need any router and any wireless base station.

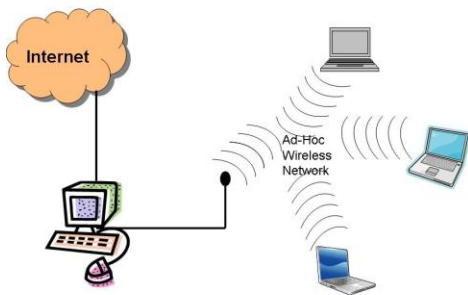


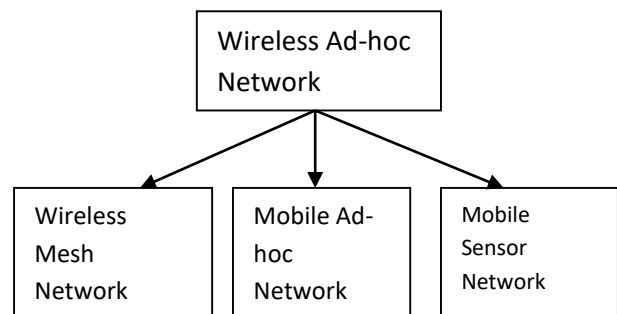
Fig. 1 Ad Hoc Network

This network is established for single session only. Administrator could set multiple hop ad hoc networks that could be used for the transmission of information on multiple nodes. It is created to solve specific problem. It becomes permanent network if someone is going to establish such network for longer period. The Wireless networks are getting popularity since 1970. In several decades a lot of researches have been

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developed on AD-HOC Network. The AD-HOC networks are playing an important role in case of martial applications & many researches like global mobile information program.



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